

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/01293

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07K14/76 A61K38/38 A61K47/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, CHEM ABS Data, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 99 26979 A (HAAKANSSON PER ANDERS ;SVENSSON MALIN WILHELMINA (SE); SVANBORG CA) 3 June 1999 (1999-06-03) page 1, line 11 - line 14 page 1, line 21 - line 33 page 3, line 15 - line 26 page 4, line 1 - line 4 page 5, line 8 - line 24 page 6, line 19 - line 26 page 7, line 30 -page 8, line 5; example 10</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	1-14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the International filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 August 2003

Date of mailing of the international search report

28. 08. 2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	M. SVENSSON ET AL: "Conversion of alpha-lactalbumin to a protein inducing apoptosis" PNAS, vol. 97, no. 8, 11 April 2000 (2000-04-11), pages 4221-4226, XP002250705 see especially page 4225, right column, paragraph six	1-14
X	ANDERS HÅKANSSON ET AL: "A folding variant of alpha-lactalbumin with bactericidal activity against Streptococcus pneumoniae" MOLECULAR MICROBIOLOGY, vol. 35, no. 3, 2000, pages 589-600, XP002250706 the whole document	1-14
A	DATABASE BIOSIS [Online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; October 2001 (2001-10) PERMYAKOV SERGEI E ET AL: "Mutating aspartate in the calcium-binding site of alpha-lactalbumin: Effects on the protein stability and cation binding." Database accession no. PREV200200099182 XP002250707 abstract & PROTEIN ENGINEERING, vol. 14, no. 10, October 2001 (2001-10), pages 785-789, ISSN: 0269-2139	4-6

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IB95/01293

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9926979	A	AU 1254199 A	15-06-1999
		EP 1032596 A1	06-09-2000
		WO 9926979 A1	03-06-1999
		JP 2001524491 T	04-12-2001
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